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* * * * * Welcome to STN International * * * * *

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NEWS	4 OCT 28	KOREAPAT now available on STN
NEWS	5 NOV 30	PHAR reloaded with additional data
NEWS	6 DEC 01	LISA now available on STN
NEWS	7 DEC 09	12 databases to be removed from STN on December 31, 2004
NEWS	8 DEC 15	MEDLINE update schedule for December 2004
NEWS	9 DEC 17	ELCOM reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	10 DEC 17	COMPUAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	11 DEC 17	SOLIDSTATE reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	12 DEC 17	CERAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	13 DEC 17	THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS	14 DEC 30	EPPFULL: New patent full text database to be available on STN
NEWS	15 DEC 30	CAPLUS - PATENT COVERAGE EXPANDED
NEWS	16 JAN 03	No connect-hour charges in EPPFULL during January and February 2005
NEWS	17 FEB 25	CA/CAPLUS - Russian Agency for Patents and Trademarks (ROSPATENT) added to list of core patent offices covered
NEWS	18 FEB 10	STN Patent Forums to be held in March 2005
NEWS	19 FEB 16	STN User Update to be held in conjunction with the 229th ACS National Meeting on March 13, 2005
NEWS	20 FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	21 FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	22 FEB 28	MEDLINE/LMEDLINE reloaded
NEWS	23 MAR 02	GBFULL: New full-text patent database on STN
NEWS	24 MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	25 MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS EXPRESS	JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005	
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FILE 'HOME' ENTERED AT 10:48:37 ON 16 MAR 2005

=> FIL BIOSIS, EMBASE, MEDLINE, LIFESCI, CAPLUS		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.63	0.63

FILE 'BIOSIS' ENTERED AT 10:50:14 ON 16 MAR 2005
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FILE 'LIFESCI' ENTERED AT 10:50:14 ON 16 MAR 2005
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FILE 'CAPLUS' ENTERED AT 10:50:14 ON 16 MAR 2005
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=> s nucleic or DNA (S) lysis or boil or break or fragment?
L1 1731563 NUCLEIC OR DNA (S) LYSIS OR BOIL OR BREAK OR FRAGMENT?

=> s l1 and (TE or buffer or tris (1a) EDTA)
L2 22263 L1 AND (TE OR BUFFER OR TRIS (1A) EDTA)

=> s l2 and (OLA or oligonucleotide (1a) ligation (1a) assay
UNMATCHED LEFT PARENTHESIS 'AND (OLA'
The number of right parentheses in a query must be equal to the number of left parentheses.

=> s l2 and (OLA or oligonucleotide (1a) ligation (1a) assay)
L3 2 L2 AND (OLA OR OLIGONUCLEOTIDE (1A) LIGATION (1A) ASSAY)

=> d l3 1-2

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:1019624 CAPLUS
DN 142:3006
TI Ionic liquid capillary electrophoresis apparatus for handling biological samples
IN Bryning, Zbigniew T.; Liu, Timothy Z.
PA Applera Corporation, USA
SO U.S. Pat. Appl. Publ., 13 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004234966	A1	20041125	US 2003-444848	20030523

WO 2004105948 A1 20041209 WO 2004-US16591 20040524
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

PRAI US 2003-444848 A 20030523

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:392626 CAPLUS
DN 140:401319
TI Detecting **nucleic** acid targets by ligation of probe pairs and
their primer-specific amplification
IN Short, Sabine; Wenz, Michael H.; Friedlander, Ernest; Johnson, Shirley
PA Applera Corporation, USA
SO PCT Int. Appl., 173 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004040020	A1	20040513	WO 2002-US33801	20021023
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004235005	A1	20041125	US 2003-693609	20031023
PRAI US 2002-421035P	P	20021023		
WO 2002-US33801	A	20021023		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 12 and (fluorescent (1a) dye or ethidium (1a) bromide or SYBR)
L4 661 L2 AND (FLUORESCENT (1A) DYE OR ETHIDIUM (1A) BROMIDE OR SYBR)

=> s 14 and quantita?
L5 63 L4 AND QUANTITA?

=> dup rem 15
PROCESSING COMPLETED FOR L5
L6 42 DUP REM L5 (21 DUPLICATES REMOVED)

=> d 16 35-42

L6 ANSWER 35 OF 42 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN DUPLICATE 8
AN 1994:308664 BIOSIS
DN PREV199497321664
TI Semiautomated fluorometric analysis of **nucleic** acids in tissue
homogenates.
AU Nacci, Diane [Reprint author]; Cheer, Sue; Jackim, Eugene; Juinio, Annette
CS Sci. Applications Internatl. Corporation, c/o U.S. Environ. Protection
Agency, Environ. Res. Lab., Narragansett, 27 Tarzwell Dr., Narragansett,
RI 02882, USA

SO Environmental Toxicology and Water Quality, (1994) Vol. 9, No. 2, pp.
123-130.
CODEN: ETWQEZ. ISSN: 1053-4725.
DT Article
LA English
ED Entered STN: 13 Jul 1994
Last Updated on STN: 14 Jul 1994

L6 ANSWER 36 OF 42 MEDLINE on STN
AN 93040205 MEDLINE
DN PubMed ID: 1384572
TI Semi-dry electroblotting of DNA and RNA from agarose and polyacrylamide
gels.
AU Trnovsky J
SO BioTechniques, (1992 Nov) 13 (5) 800-4.
Journal code: 8306785. ISSN: 0736-6205.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199212
ED Entered STN: 19930122
Last Updated on STN: 19960129
Entered Medline: 19921210

L6 ANSWER 37 OF 42 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN DUPLICATE 9
AN 1992:253989 BIOSIS
DN PREV199293130314; BA93:130314
TI HIGH-RESOLUTION CAPILLARY ELECTROPHORETIC ANALYSIS OF DNA IN FREE
SOLUTION.
AU NATHAKARNKITKOOL S [Reprint author]; OEFNER P J; BARTSCH G; CHIN M A; BONN
G K
CS DEP UROL, UNIVERSITY INNSBRUCK, ANICHSTR 35, A-6020 INNSBRUCK, AUSTRIA
SO Electrophoresis, (1992) Vol. 13, No. 1-2, pp. 18-31.
CODEN: ELCTDN. ISSN: 0173-0835.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 23 May 1992
Last Updated on STN: 23 May 1992

L6 ANSWER 38 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1990:213243 CAPLUS
DN 112:213243
TI A Hoechst H33258 agarose plate assay for the estimation of nanogram DNA
levels without RNA interference: applications in PCR and in estimations
of plasmid and cytoplasmic DNA
AU Rieber, Mary S.; Rieber, Manuel
CS IVIC, Caracas, 1020-A, Venez.
SO Nucleic Acids Research (1990), 18(7), 1918
CODEN: NARHAD; ISSN: 0305-1048
DT Journal
LA English

L6 ANSWER 39 OF 42 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN DUPLICATE 10
AN 1987:400202 BIOSIS
DN PREV198784076382; BA84:76382
TI DETERMINATION OF G-VALUES FOR SINGLE AND DOUBLE STRAND **BREAK**
INDUCTION IN PLASMID DNA USING AGAROSE GEL ELECTROPHORESIS AND A
CURVE-FITTING PROCEDURE.
AU HEMPEL K [Reprint author]; MILDENBERGER E
CS INST MED RADIATION RES, UNIV WUERZBURG, VERSBACHER STR 5, D-8700
WUERZBURG, FRG
SO International Journal of Radiation Biology and Related Studies in Physics
Chemistry and Medicine, (1987) Vol. 52, No. 1, pp. 125-138.
CODEN: IJRBA3. ISSN: 0020-7616.

DT Article
FS BA
LA ENGLISH
ED Entered STN: 18 Sep 1987
Last Updated on STN: 18 Sep 1987

L6 ANSWER 40 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1986:84624 CAPLUS
DN 104:84624
TI **Quantitation of nucleic acids at the picogram level**
using high-performance liquid chromatography with electrochemical
detection

AU Kafil, Johan B.; Cheng, Hung Yuan; Last, Thomas A.
CS Smith Kline and French Lab., Philadelphia, PA, 19101, USA
SO Analytical Chemistry (1986), 58(2), 285-9
CODEN: ANCHAM; ISSN: 0003-2700
DT Journal
LA English

L6 ANSWER 41 OF 42 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1984:64311 CAPLUS
DN 100:64311
TI Interaction of 9-aminoacridine, **ethidium bromide** and
harman with DNA characterized by size-exclusion high-performance liquid
chromatography

AU McPherson, David D.; Pezzuto, John M.
CS Coll. Pharm., Univ. Illinois, Chicago, IL, 60612, USA
SO Journal of Chromatography (1983), 281, 348-54
CODEN: JOCRAM; ISSN: 0021-9673
DT Journal
LA English

L6 ANSWER 42 OF 42 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN DUPLICATE 11

AN 1982:240367 BIOSIS
DN PREV198274012847; BA74:12847
TI SENSITIVE DETECTION OF SPECIFIC REPAIR ENDO NUCLEASES RADIAL DIFFUSION
ASSAY UTILIZING DIFFERENTIAL ALKALINE DENATURATION OF SUPER COILED AND
NICKED PHAGE PM-2 DNA IN AGAROSE GELS.
AU HURLEY D L [Reprint author]; DEERING R A
CS MOLECULAR AND CELL BIOLOGY PROGRAM, THE PA STATE UNIV, UNIVERSITY PARK, PA
16802, USA
SO Analytical Biochemistry, (1981) Vol. 118, No. 2, pp. 371-381.
CODEN: ANBCA2. ISSN: 0003-2697.
DT Article
FS BA
LA ENGLISH

=> FIL MEDLINE

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
60.42	61.05

FILE 'MEDLINE' ENTERED AT 10:58:00 ON 16 MAR 2005

FILE LAST UPDATED: 15 MAR 2005 (20050315/UP). FILE COVERS 1950 TO DATE.

On December 19, 2004, the 2005 MeSH terms were loaded.

The MEDLINE reload for 2005 is now available. For details enter HELP
RLOAD at an arrow prompt (=>). See also:

<http://www.nlm.nih.gov/mesh/>
http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html

OLDMEDLINE now back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2005 vocabulary.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> E FRIEDLANDER ERNEST J/AU 25

E1	11	FRIEDLANDER E R/AU
E2	1	FRIEDLANDER ELZA/AU
E3	0 -->	FRIEDLANDER ERNEST J/AU
E4	1	FRIEDLANDER EVA/AU
E5	5	FRIEDLANDER F/AU
E6	7	FRIEDLANDER F C/AU
E7	115	FRIEDLANDER G/AU
E8	1	FRIEDLANDER G D/AU
E9	1	FRIEDLANDER G N/AU
E10	21	FRIEDLANDER GERARD/AU
E11	3	FRIEDLANDER GILGI/AU
E12	9	FRIEDLANDER H/AU
E13	4	FRIEDLANDER H D/AU
E14	5	FRIEDLANDER H L/AU
E15	6	FRIEDLANDER H S/AU
E16	5	FRIEDLANDER I/AU
E17	11	FRIEDLANDER I K/AU
E18	9	FRIEDLANDER I R/AU
E19	3	FRIEDLANDER IDA K/AU
E20	15	FRIEDLANDER J/AU
E21	2	FRIEDLANDER J A/AU
E22	1	FRIEDLANDER J D/AU
E23	5	FRIEDLANDER J H/AU
E24	2	FRIEDLANDER J K/AU
E25	1	FRIEDLANDER J M/AU

=> E FRIEDLANDER E J/AU 25

E1	1	FRIEDLANDER DEL NERO D/AU
E2	5	FRIEDLANDER E/AU
E3	12 -->	FRIEDLANDER E J/AU
E4	8	FRIEDLANDER E M/AU
E5	7	FRIEDLANDER E O/AU
E6	11	FRIEDLANDER E R/AU
E7	1	FRIEDLANDER ELZA/AU
E8	1	FRIEDLANDER EVA/AU
E9	5	FRIEDLANDER F/AU
E10	7	FRIEDLANDER F C/AU
E11	115	FRIEDLANDER G/AU
E12	1	FRIEDLANDER G D/AU
E13	1	FRIEDLANDER G N/AU
E14	21	FRIEDLANDER GERARD/AU
E15	3	FRIEDLANDER GILGI/AU
E16	9	FRIEDLANDER H/AU
E17	4	FRIEDLANDER H D/AU
E18	5	FRIEDLANDER H L/AU
E19	6	FRIEDLANDER H S/AU
E20	5	FRIEDLANDER I/AU
E21	11	FRIEDLANDER I K/AU
E22	9	FRIEDLANDER I R/AU
E23	3	FRIEDLANDER IDA K/AU
E24	15	FRIEDLANDER J/AU
E25	2	FRIEDLANDER J A/AU

=> S (E3) AND 1980<=PY<=2002

12 "FRIEDLANDER E J"/AU

8888255 1980<=PY<=2002

L7 6 ("FRIEDLANDER E J"/AU) AND 1980<=PY<=2002

=> DIS L7 1 IBIB ABS

L7 ANSWER 1 OF 6 MEDLINE on STN

ACCESSION NUMBER: 84032415 MEDLINE
DOCUMENT NUMBER: PubMed ID: 6313652
TITLE: The receptor-binding domain of human apolipoprotein E.
Binding of apolipoprotein E fragments.
AUTHOR: Innerarity T L; **Friedlander E J**; Rall S C Jr;
Weisgraber K H; Mahley R W
SOURCE: Journal of biological chemistry, (1983 Oct 25)
258 (20) 12341-7.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198312
ENTRY DATE: Entered STN: 19900319
Last Updated on STN: 19970203
Entered Medline: 19831217

AB To identify the domain of apolipoprotein E (apo-E) involved in binding to low density lipoprotein (LDL) receptors on cultured human fibroblasts, apo-E was cleaved and the fragments were tested for receptor binding activity. Two large thrombolytic peptides (residues 1-191 and 216-299) of normal apo-E3 were combined with the phospholipid dimyristoylphosphatidylcholine (DMPC) and tested for their ability to compete with 125I-LDL for binding to the LDL (apo-B,E) receptors on human fibroblasts. The NH2-terminal two-thirds (residues 1-191) of apo-E3 was as active as intact apo-E3. DMPC, while the smaller peptide (residues 216-299) was devoid of receptor-binding activity. When apo-E3 was digested with cyanogen bromide (CNBr) and the four largest CNBr fragments were combined with DMPC and tested, only one fragment competed with 125I-LDL for binding to cultured human fibroblasts (CNBr II, residues 126-218). This fragment possessed binding activity similar to that of human LDL. The 125I-labeled CNBr II. DMPC complex also demonstrated high affinity, calcium-dependent saturable binding to solubilized bovine adrenal membranes. The binding of CNBr II. DMPC was inhibited by 1,2-cyclohexanedione modification of arginyl residues or diketene modification of lysyl residues. In addition, the CNBr II had to be combined with DMPC before it demonstrated any receptor-binding activity. Pronase treatment of the membranes abolished the ability of this fragment to bind to the apo-B,E receptors. This same basic region in the center of the molecule has been implicated as the apo-B,E receptor-binding domain not only by this study but also by other studies showing that 1) natural mutants of apo-E that display defective binding have single amino acid substitutions at residues 145, 146, or 158; and 2) the apo-E epitope of the monoclonal antibody 1D7, which inhibits apo-E binding, is centered around residues 139-146.

=> DIS L7 2- IBIB ABS

YOU HAVE REQUESTED DATA FROM 5 ANSWERS - CONTINUE? Y/(N):Y
THE ESTIMATED COST FOR THIS REQUEST IS 1.10 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L7 ANSWER 2 OF 6 MEDLINE on STN
ACCESSION NUMBER: 81239612 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7251595
TITLE: Protein-facilitated intermembrane transfer of squalene.
Demonstration by density gradient centrifugation.
AUTHOR: Kojima Y; **Friedlander E J**; Bloch K
SOURCE: Journal of biological chemistry, (1981 Jul 25)
256 (14) 7235-9.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198109
ENTRY DATE: Entered STN: 19900316
Last Updated on STN: 19970203

Entered Medline: 19810915

AB Squalene-enriched, trypsinized microsomes display no squalene epoxidase activity either as such or when combined with normal microsomes. On addition of microgram quantities of supernatant protein factor to the combined system, squalene epoxidation commences at once and continues at a rapid rate (Friedlander, E. J., Caras, I. W., Lin, L. F., and Bloch, K. (1980) J. Biol. Chemical 255, 8042-8045). When mixtures of trypsin-treated, [3H]squalene-containing microsomes and normal microsomes are subjected to isopycnic density gradient centrifugation, the two microsomal populations separate readily. Essentially all of the radioactive squalene remains associated with the lighter (trypsinized) fraction of microsomes. However, if the mixture of microsomes is initially incubated with supernatant protein factor and then centrifuged, a large fraction of labeled squalene sediments with the denser, normal microsomes. Thus, supernatant protein factor mediates the transfer of squalene from one microsome population to another. This conclusion had previously been reached on the basis of less direct experiments (Friedlander, E. J., Caras, I. W., Lin, L. F., and Bloch, K. (1980) J. Biol. Chemical 255, 8042-8045). Evidence is presented that the process of supernatant protein factor-mediated squalene transfer does not involve membrane fusion and proceeds also in the reverse direction.

L7 ANSWER 3 OF 6 MEDLINE on STN
ACCESSION NUMBER: 81182978 MEDLINE
DOCUMENT NUMBER: PubMed ID: 6261694
TITLE: Determination of the rates of synthesis and degradation of vitamin D-dependent chick intestinal and renal calcium-binding proteins.
AUTHOR: Norman A W; **Friedlander E J**; Henry H L
CONTRACT NUMBER: AM-00412 (NIADDK)
AM-09012 (NIADDK)
AM-23198 (NIADDK)
SOURCE: Archives of biochemistry and biophysics, (1981 Feb)
206 (2) 305-17.
Journal code: 0372430. ISSN: 0003-9861.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198106
ENTRY DATE: Entered STN: 19900316
Last Updated on STN: 19970203
Entered Medline: 19810613

L7 ANSWER 4 OF 6 MEDLINE on STN
ACCESSION NUMBER: 81006805 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7410347
TITLE: Supernatant protein factor facilitates intermembrane transfer of squalene.
AUTHOR: **Friedlander E J**; Caras I W; Lin L F; Bloch K
SOURCE: Journal of biological chemistry, (1980 Sep 10)
255 (17) 8042-5.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 198011
ENTRY DATE: Entered STN: 19900316
Last Updated on STN: 19970203
Entered Medline: 19801120

AB Squalene epoxidation of microsome-associated squalene is stimulated by a soluble protein termed "supernatant protein factor" (SPF) (Saat, Y. A., and Bloch, K. E. (1976) J. Biol. Chemical 251, 5155-5160). In the absence of SPF, the initial rate for microsome-bound squalene epoxidation is rapid for 5 to 10 min but falls off sharply thereafter. SPF does not affect the rapid initial epoxidation rate of reaction but maintains it for longer periods. This SPF effect on enzyme kinetics indicates that SPF

facilitates the otherwise rate-limiting access of squalene to the epoxidase site. Trypsin treatment of microsomes totally inactivates squalene epoxidase. When such trypsin-treated squalene-containing microsomes are incubated with normal, squalene-free, enzymatically active microsomes, formation of squalene epoxide is not observed. However, if SPF is included in this system, conversion of squalene to 2,3-oxidosqualene occurs rapidly. Lowering the temperature from 37 degrees to 22 degrees C abolishes the SPF effect in assay systems containing either normal or trypsin-treated plus normal microsomes. These findings show that SPF promotes the transfer of squalene from one microsome population to another, i.e. intermembrane transfer of substrate.

L7 ANSWER 5 OF 6 MEDLINE on STN
 ACCESSION NUMBER: 80164741 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 7366447
 TITLE: Purification of chick intestinal calcium-binding protein.
 AUTHOR: **Friedlander E J**; Norman A W
 SOURCE: Methods in enzymology, (1980) 67 504-8.
 Journal code: 0212271. ISSN: 0076-6879.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 198006
 ENTRY DATE: Entered STN: 19900315
 Last Updated on STN: 19900315
 Entered Medline: 19800625

L7 ANSWER 6 OF 6 MEDLINE on STN
 ACCESSION NUMBER: 80159980 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 7364757
 TITLE: Interactions of supernatant protein factor with components of the microsomal squalene epoxidase system. Binding of supernatant protein factor to anionic phospholipids.
 AUTHOR: Caras I W; **Friedlander E J**; Bloch K
 SOURCE: Journal of biological chemistry, (1980 Apr 25)
 255 (8) 3575-80.
 Journal code: 2985121R. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 198006
 ENTRY DATE: Entered STN: 19900315
 Last Updated on STN: 19970203
 Entered Medline: 19800625

AB Supernatant Protein Factor (SPF), a protein that enhances the activities of microsomal squalene epoxidase and 2,3-oxidosqualene-lanosterol cyclase, has been labeled either by acylation with N-succinimidyl [2,3-3H]propionate or by reductive methylation with [14C]-formaldehyde and sodium cyanoborohydride. Labeled SPF preparations, containing 1 to 2 modified lysine residues/molecule of protein which retained full biological activity, were found to bind only weakly to microsomes under a variety of experimental conditions as determined by sucrose density gradient centrifugation. No interaction between SPF and either squalene or squalene-2,3-oxide could be demonstrated by gel filtration. On the other hand, SPF was shown to bind tightly to vesicles of anionic phospholipids (phosphatidylglycerol, phosphatidylserine, phosphatidylinositol, and phosphatidic acid) but not to vesicles of phosphatidylcholine or phosphatidylethanolamine. The capacity of the anionic phospholipids to bind to SPF parallels their ability to enhance the stimulatory activity of SPF. These observations are inconsistent with the designation of proteins of this type as "sterol carrier proteins."

=> E LEONG LILLEY/AU 25

E1 1 LEONG LILIAN/AU
 E2 1 LEONG LILIAN L Y/AU

E3	0	-->	LEONG LILLEY/AU
E4	2		LEONG LIN CHUONG/AU
E5	1		LEONG LOUIS E C/AU
E6	6		LEONG LUCILLE/AU
E7	14		LEONG M/AU
E8	3		LEONG M A/AU
E9	1		LEONG M C/AU
E10	2		LEONG M G/AU
E11	19		LEONG M K/AU
E12	5		LEONG M L/AU
E13	7		LEONG M M/AU
E14	8		LEONG M S/AU
E15	1		LEONG M S Z/AU
E16	1		LEONG M Y/AU
E17	1		LEONG MARGARET A/AU
E18	1		LEONG MARK K F/AU
E19	1		LEONG MARKUS T/AU
E20	3		LEONG MAX K/AU
E21	1		LEONG MEREDITH L/AU
E22	2		LEONG MEREDITH L L/AU
E23	5		LEONG MORGENTHALER P/AU
E24	5		LEONG MORGENTHALER P M/AU
E25	4		LEONG MORGENTHALER PHAIK MOOI/AU

=> E LEONG L/AU 25

E1	1		LEONG KING SUN/AU
E2	1		LEONG KIRSTEN M/AU
E3	73	-->	LEONG L/AU
E4	23		LEONG L A/AU
E5	3		LEONG L C/AU
E6	7		LEONG L E/AU
E7	6		LEONG L G/AU
E8	6		LEONG L K/AU
E9	30		LEONG L L/AU
E10	1		LEONG L L Y/AU
E11	4		LEONG L M/AU
E12	1		LEONG L M C/AU
E13	4		LEONG L S/AU
E14	11		LEONG L Y/AU
E15	4		LEONG LAI PENG/AU
E16	1		LEONG LESTER C H/AU
E17	1		LEONG LI MING/AU
E18	1		LEONG LILIAN/AU
E19	1		LEONG LILIAN L Y/AU
E20	2		LEONG LIN CHUONG/AU
E21	1		LEONG LOUIS E C/AU
E22	6		LEONG LUCILLE/AU
E23	14		LEONG M/AU
E24	3		LEONG M A/AU
E25	1		LEONG M C/AU

=> S (E3) AND 1980<=PY<=2002

73 "LEONG L"/AU

8888255 1980<=PY<=2002

L8 71 ("LEONG L"/AU) AND 1980<=PY<=2002

=> S (E3) AND 1995<=PY<=2002

73 "LEONG L"/AU

3726200 1995<=PY<=2002

L9 41 ("LEONG L"/AU) AND 1995<=PY<=2002

=> S (E3) AND 2000<=PY<=2002

73 "LEONG L"/AU

1543355 2000<=PY<=2002

L10 13 ("LEONG L"/AU) AND 2000<=PY<=2002

=> DIS L10 1- IBIB

YOU HAVE REQUESTED DATA FROM 13 ANSWERS - CONTINUE? Y/(N):Y

THE ESTIMATED COST FOR THIS REQUEST IS 2.21 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L10 ANSWER 1 OF 13 MEDLINE on STN
ACCESSION NUMBER: 2002649766 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12409118
TITLE: Improved diagnosis of a temporal lobe abscess in a
post-irradiated nasopharyngeal carcinoma patient using
diffusion-weighted magnetic resonance imaging.
AUTHOR: Wong W C; Cheng P W; Chan F L; **Leong L**
CORPORATE SOURCE: Department of Radiology, Queen Mary Hospital, Hong Kong..
wongwaic@netvigator.com
SOURCE: Clinical radiology, (2002 Nov) 57 (11) 1040-3.
Journal code: 1306016. ISSN: 0009-9260.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: (CASE REPORTS)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200212
ENTRY DATE: Entered STN: 20021105
Last Updated on STN: 20021218
Entered Medline: 20021213

L10 ANSWER 2 OF 13 MEDLINE on STN
ACCESSION NUMBER: 2002637151 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12395647
TITLE: A deceptive cervical lymph node: a solitary spinal
osteochondroma.
AUTHOR: **Leong L**; Thng P
CORPORATE SOURCE: Department of Orthopaedic Surgery, Changi General Hospital,
2 Simei Street 3, Singapore 529889.
SOURCE: Annals of the Academy of Medicine, Singapore, (2002
Sep) 31 (5) 611-3.
Journal code: 7503289. ISSN: 0304-4602.
PUB. COUNTRY: Singapore
DOCUMENT TYPE: (CASE REPORTS)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200302
ENTRY DATE: Entered STN: 20021026
Last Updated on STN: 20030207
Entered Medline: 20030206

L10 ANSWER 3 OF 13 MEDLINE on STN
ACCESSION NUMBER: 2002421346 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12177795
TITLE: Predictors of long-term outcome following high-dose
chemotherapy in high-risk primary breast cancer.
AUTHOR: Somlo G; Simpson J F; Frankel P; Chow W; **Leong L**;
Margolin K; Morgan R Jr; Raschko J; Shibata S; Forman S;
Kogut N; McNamara M; Molina A; Somlo E; Doroshow J H
CORPORATE SOURCE: Department of Medical Oncology and Therapeutics Research,
City of Hope National Medical Center, 1500 E Duarte Road,
Duarte, California, CA 91010-3000, USA.. gsomlo@coh.org
SOURCE: British journal of cancer, (2002 Jul 29) 87 (3)
281-8.
Journal code: 0370635. ISSN: 0007-0920.
PUB. COUNTRY: Scotland: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200209
ENTRY DATE: Entered STN: 20020815
Last Updated on STN: 20020911
Entered Medline: 20020910

L10 ANSWER 4 OF 13 MEDLINE on STN
ACCESSION NUMBER: 2002057201 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11781646
TITLE: Phase II trial of high-dose intravenous doxorubicin, etoposide, and cyclophosphamide with autologous stem cell support in patients with residual or responding recurrent ovarian cancer.
AUTHOR: Morgan R J; Doroshow J H; **Leong L**; Schriber J; Shibata S; Forman S; Hamasaki V; Margolin K; Somlo G; Alvarnas J; McNamara M; Longmate J; Raschko J; Chow W; Vasilev S; McGonigle K; Yen Y
CORPORATE SOURCE: Department of Medical Oncology and Therapeutics Research, City of Hope National Medical Center, Duarte, CA 91010, USA.
CONTRACT NUMBER: CA 33572 (NCI)
SOURCE: CA 63265 (NCI)
SOURCE: Bone marrow transplantation, (2001 Nov) 28 (9) 859-63.
Journal code: 8702459. ISSN: 0268-3369.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: (CLINICAL TRIAL)
(CLINICAL TRIAL, PHASE II)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200204
ENTRY DATE: Entered STN: 20020125
Last Updated on STN: 20020405
Entered Medline: 20020404

L10 ANSWER 5 OF 13 MEDLINE on STN
ACCESSION NUMBER: 2002012868 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11400951
TITLE: Tandem-cycle high-dose melphalan and cisplatin with peripheral blood progenitor cell support in patients with breast cancer and other malignancies.
AUTHOR: Somlo G; Chow W; Hamasaki V; **Leong L**; Margolin K; Morgan R Jr; Sniecinski I; Frankel P; Reardon D; Longmate E; Raschko J; Shibata S; O'Donnell M; Smith E; Tetef M; Forman S; Yen Y; Molina A; Doroshow H
CORPORATE SOURCE: Department of Medical Oncology and Therapeutics Research, City of Hope National Medical Center, Duarte, California 91010-3000, USA.. gsomlo@coh.org
CONTRACT NUMBER: CA 33572 (NCI)
SOURCE: Biology of blood and marrow transplantation : journal of the American Society for Blood and Marrow Transplantation, (2001) 7 (5) 284-93.
Journal code: 9600628. ISSN: 1083-8791.
PUB. COUNTRY: United States
DOCUMENT TYPE: (CLINICAL TRIAL)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200202
ENTRY DATE: Entered STN: 20020121
Last Updated on STN: 20020208
Entered Medline: 20020207

L10 ANSWER 6 OF 13 MEDLINE on STN
ACCESSION NUMBER: 2001560839 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11606138
TITLE: Hydrazinonaphthalene and azonaphthalene thrombopoietin mimics are nonpeptidyl promoters of megakaryocytopoiesis.
AUTHOR: Duffy K J; Darcy M G; Delorme E; Dillon S B; Eppley D F; Erickson-Miller C; Giampa L; Hopson C B; Huang Y; Keenan R M; Lamb P; **Leong L**; Liu N; Miller S G; Price A T; Rosen J; Shah R; Shaw T N; Smith H; Stark K C; Tian S S; Tyree C; Wiggall K J; Zhang L; Luengo J I

CORPORATE SOURCE: GlaxoSmithKline, 1250 South Collegeville Road,
Collegeville, PA 19426, USA.. Kevin.J.Duffy@gsk.com
SOURCE: Journal of medicinal chemistry, (2001 Oct 25) 44
(22) 3730-45.
Journal code: 9716531. ISSN: 0022-2623.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200112
ENTRY DATE: Entered STN: 20011022
Last Updated on STN: 20020122
Entered Medline: 20011204

L10 ANSWER 7 OF 13 MEDLINE on STN
ACCESSION NUMBER: 2001542302 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11589375
TITLE: Effect of a lacto-ovo vegetarian diet on fasting small
intestinal motility.
AUTHOR: Andrews J M; Doran S M; Di Matteo A C; **Leong L**;
Macintosh C; Chiu C J; Read N W; Fraser R J
CORPORATE SOURCE: University Dept. of Medicine, Royal Adelaide Hospital, SA,
Australia.. jane.andrews@adelaide.edu.au
SOURCE: Scandinavian journal of gastroenterology, (2001
Oct) 36 (10) 1037-43.
Journal code: 0060105. ISSN: 0036-5521.
PUB. COUNTRY: Norway
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200201
ENTRY DATE: Entered STN: 20011009
Last Updated on STN: 20020128
Entered Medline: 20020125

L10 ANSWER 8 OF 13 MEDLINE on STN
ACCESSION NUMBER: 2001347225 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11410492
TITLE: Phase I trial of 96-hour continuous infusion of dexrazoxane
in patients with advanced malignancies.
AUTHOR: Tetef M L; Synold T W; Chow W; **Leong L**; Margolin
K; Morgan R; Raschko J; Shibata S; Somlo G; Yen Y; Groshen
S; Johnson K; Lenz H J; Gandara D; Doroshow J H
CORPORATE SOURCE: Department of Medical Oncology and Therapeutics Research,
City of Hope National Medical Center, Duarte, California
91010, USA.
CONTRACT NUMBER: 5P30 CA 33572 (NCI)
U01 CA 62505 (NCI)
SOURCE: Clinical cancer research : an official journal of the
American Association for Cancer Research, (2001
Jun) 7 (6) 1569-76.
Journal code: 9502500. ISSN: 1078-0432.
PUB. COUNTRY: United States
DOCUMENT TYPE: (CLINICAL TRIAL)
(CLINICAL TRIAL, PHASE I)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200109
ENTRY DATE: Entered STN: 20010924
Last Updated on STN: 20010924
Entered Medline: 20010920

L10 ANSWER 9 OF 13 MEDLINE on STN
ACCESSION NUMBER: 2001249901 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11345649
TITLE: Continuous infusion prochlorperazine: pharmacokinetics,
antiemetic efficacy, and feasibility of high-dose therapy.

AUTHOR: Morgan R J Jr; Synold T; Carr B I; Doroshov J H; Womack E P; Shibata S; Somlo G; Raschko J; **Leong L**; McNamara M; Chow W; Tetef M; Margolin K; Akman S; Longmate J
CORPORATE SOURCE: Department of Medical Oncology and Therapeutics Research, City of Hope National Medical Center, 1500 E. Duarte Rd., Duarte, CA 91010, USA.
CONTRACT NUMBER: CA33572 (NCI)
SOURCE: Cancer chemotherapy and pharmacology, (2001 Apr) 47 (4) 327-32.
Journal code: 7806519. ISSN: 0344-5704.
PUB. COUNTRY: Germany: Germany, Federal Republic of
DOCUMENT TYPE: (CLINICAL TRIAL)
(CLINICAL TRIAL, PHASE I)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200105
ENTRY DATE: Entered STN: 20010529
Last Updated on STN: 20010529
Entered Medline: 20010524

L10 ANSWER 10 OF 13 MEDLINE on STN
ACCESSION NUMBER: 2001221784 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11312185
TITLE: Using gadolinium-infusion MR venography to show the impalpable testis in pediatric patients.
AUTHOR: Lam W W; Tam P K; Ai V H; Chan K L; Chan F L; **Leong L**
CORPORATE SOURCE: Department of Radiology, Queen Mary Hospital, 102 Pokfulam Rd., Hong Kong.
SOURCE: AJR. American journal of roentgenology, (2001 May) 176 (5) 1221-6.
Journal code: 7708173. ISSN: 0361-803X.
PUB. COUNTRY: United States
DOCUMENT TYPE: (CLINICAL TRIAL)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals
ENTRY MONTH: 200107
ENTRY DATE: Entered STN: 20010709
Last Updated on STN: 20010709
Entered Medline: 20010705

L10 ANSWER 11 OF 13 MEDLINE on STN
ACCESSION NUMBER: 2000482841 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11006245
TITLE: Differential expression of N- and B-cadherin during lens development.
AUTHOR: **Leong L**; Menko A S; Grunwald G B
CORPORATE SOURCE: Department of Pathology, Anatomy and Cell Biology, Thomas Jefferson University, 1020 Locust Street, Philadelphia, Pennsylvania 19107, USA.
CONTRACT NUMBER: F3206787 (NEI)
SOURCE: R01EY10695
Investigative ophthalmology & visual science, (2000 Oct) 41 (11) 3503-10.
Journal code: 7703701. ISSN: 0146-0404.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200010
ENTRY DATE: Entered STN: 20001019
Last Updated on STN: 20001019
Entered Medline: 20001012

L10 ANSWER 12 OF 13 MEDLINE on STN

ACCESSION NUMBER: 2000411287 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10924384
TITLE: MR appearance of metastatic melanotic melanoma in the breast.
AUTHOR: Ho L W; Wong K P; Chan J H; Chow L W; Leung E Y; **Leong L**
CORPORATE SOURCE: Department of Diagnostic Radiology, Queen Mary Hospital, Hong Kong.
SOURCE: Clinical radiology, (2000 Jul) 55 (7) 572-3.
Journal code: 1306016. ISSN: 0009-9260.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: (CASE REPORTS)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200008
ENTRY DATE: Entered STN: 20000907
Last Updated on STN: 20000907
Entered Medline: 20000831

L10 ANSWER 13 OF 13 MEDLINE on STN
ACCESSION NUMBER: 2000293092 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10831355
TITLE: Phase II trial of combination intraperitoneal cisplatin and 5-fluorouracil in previously treated patients with advanced ovarian cancer: long-term follow-up.
AUTHOR: Morgan R J Jr; Braly P; **Leong L**; Shibata S; Margolin K; Somlo G; McNamara M; Longmate J; Schinke S; Raschko J; Nagasawa S; Kogut N; Najera L; Johnson D; Doroshow J H
CORPORATE SOURCE: Department of Medical Oncology and Therapeutics Research, City of Hope National Medical Center, 1500 East Duarte Road, Duarte, California 91010, USA.
CONTRACT NUMBER: CA 33572 (NCI)
SOURCE: Gynecologic oncology, (2000 Jun) 77 (3) 433-8.
Journal code: 0365304. ISSN: 0090-8258.
PUB. COUNTRY: United States
DOCUMENT TYPE: (CLINICAL TRIAL)
(CLINICAL TRIAL, PHASE II)
Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200007
ENTRY DATE: Entered STN: 20000714
Last Updated on STN: 20000714
Entered Medline: 20000706